

Converting Colors

CIELCh(36, 104.145, 314.486)

Have a look what the booklet for
CIELCh(36, 104.145, 314.486)
contains.

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Color

CIELCh(36, 103.976, 314.520)

Conversions

Conversions Part 1

Format	Color
Hex	7E02CF
RGB	126, 2, 207
RGB Percent	49%, 1%, 81%
CMY	0.5053, 0.9909, 0.1877
CMYK	0.39, 0.99, 0.00, 0.19
HSL	276°, 98%, 41%
HSV	276°, 99%, 81%
XYZ	19.9287, 9.0082, 59.8050
YIQ	62.4460, 8.0990, 90.0430

Conversions

Conversions Part 2

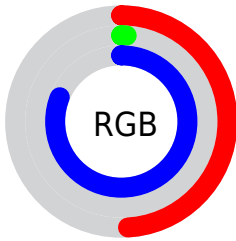
Format	Color
R_{YB}	126, 2, 207
Decimal	8258255
CIE _{Lab}	36.00, 72.90, -74.14
CIE _{LCh}	36, 103.976, 314.520
Yxy	9.0082, 0.2246, 0.1015
Android (android.graphics.Color)	4286448335 (0xFF7E02CF)
YUV	62.4460, 71.2651, 55.7369
Hunter-Lab	30.0136, 65.9985, -97.1315

Details

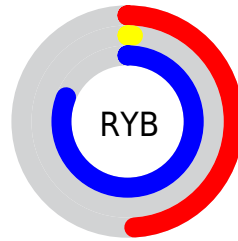
The CIELCh color **36, 103.976, 314.520** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **74, 96.017, 131.103**, and the grayscale version is **26, 0.004, 296.813**.

A 20% lighter version of the original color is **55, 99.028, 315.497**, and **21, 85.620, 310.478** is the 20% darker color. If you saturate the color by 10%, you get **36, 104.393, 314.451**, and if you desaturate by 10%, it is **38, 99.809, 315.128**.

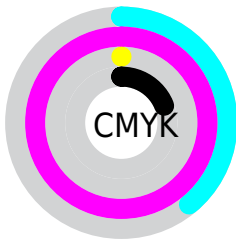
Distribution



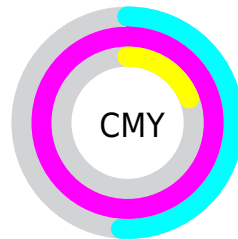
- Red (49%)
- Green (1%)
- Blue (81%)



- Red (49%)
- Yellow (1%)
- Blue (81%)



- Cyan (39%)
- Magenta (99%)
- Yellow (0%)
- Black (19%)





- Cyan (51%)
- Magenta (99%)
- Yellow (19%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 36, 103.976, 314.520 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 36, 103.976, 314.520 by changing the saturation by 10% instead.


 36, 103.976,
314.520


 36, 103.976,
314.520


 100, 103.976,
314.520


 26, 103.976,
314.520


 56, 103.976,
314.520


 16, 103.976,
314.520


 66, 103.976,
314.520

 6, 103.976,
314.520

 76, 103.976,
314.520

 0, 103.976,
314.520

 86, 103.976,
314.520

 96, 103.976,
314.520

■ 36, 103.976,
314.520

■ 36, 103.976,
314.520

■ 36, 104.393,
314.451

■ 38, 99.809,
315.128

■ 41, 92.962,
315.406

■ 45, 83.678,
315.385

■ 50, 72.689,
315.155

■ 55, 60.681,
314.794

■ 61, 48.182,
314.362

■ 66, 35.550,
313.902

■ 72, 23.010,

313.440

■ 78, 10.696,
312.991

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



36, 103.976, 314.520



74, 96.017, 131.103

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



36, 103.976, 314.520



36, 103.976, 4.520



36, 103.976, 134.520



36, 103.976, 184.520

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



36, 103.976, 314.520



79, 43.770, 313.971



39, 74.409, 292.326



39, 29.956, 314.168



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



36, 103.976, 314.520



44, 122.230, 314.319



48, 91.160, 332.645



41, 6.891, 313.015



29, 89.344, 314.609



3, 27.458, 311.736

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44, 72.350, 12.012



54, 85.094, 13.272



73, 100.052, 136.908



41, 5.072, 350.498



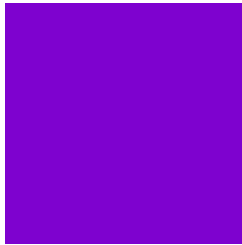
36, 62.132, 11.711



5, 20.967, 0.383

Previews

White Background



This preview shows how the CIELCh color 36, 103.976, 314.520 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the CIELCh color 36, 103.976, 314.520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

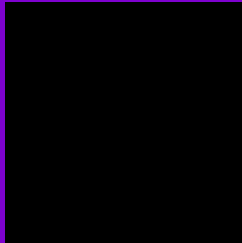
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 36, 103.976, 314.520

Background



This preview shows how black text looks on a background with the CIELCh color 36, 103.976, 314.520.

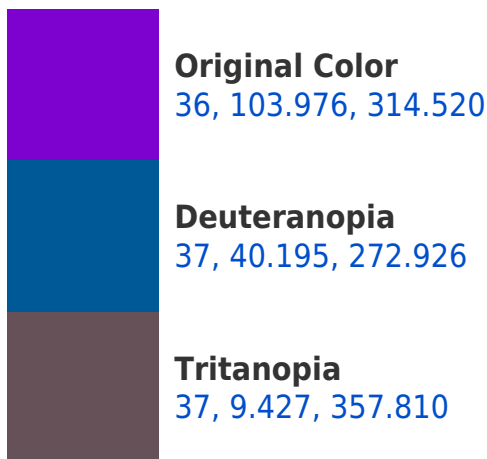


This preview shows how white text looks on a background with the CIELCh color 36, 103.976, 314.520.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Trichromacy



Original Color
36, 103.976, 314.520

Deuteranomaly
31, 71.359, 299.447

Tritanomaly
33, 51.727, 319.115

Monochromacy



Original Color
36, 103.976, 314.520

Achromatopsia
27, 0.004, 296.813

Achromatomaly
26, 48.997, 315.331

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 36, 103.976, 314.520 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(126, 2, 207)` looks like.

```
.text, #text, p{  
  color:rgb(126, 2, 207)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(126, 2, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 2, 207) }
```

Border

The CSS property to change the border of an element to CIELCh 36, 103.976, 314.520 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(126, 2, 207) }
```

If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(126, 2, 207) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(126, 2, 207) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 2, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 2, 207);  
box-shadow:4px 4px 4px 4px rgb(126, 2,  
207) }
```

Background

The CSS property to change the background color of an element to CIELCh 36, 103.976, 314.520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 2, 207) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(126, 2,  
207) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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